

## Patent Assignment Abstract of Title

**Total Assignments: 1****Application #:** 10726944 **Filing Dt:** 12/03/2003**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** US20040228267**Pub Dt:** 11/18/2004**Inventors:** Avneesh Agrawal, Edward Harrison Teague**Title:** Fast frequency hopping with a code division multiplexed pilot in an OFDMA system**Assignment: 1****Reel/Frame:** 014776 /  
0458**Received:**  
12/15/2003**Recorded:**  
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3**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** AGRAWAL, AVNEESH**Exec Dt:** 12/03/2003TEAGUE, EDWARD HARRISON**Exec Dt:** 10/03/2003**Assignee:** QUALCOMM INCORPORATED

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## Refine Search

### Search Results -

Terms	Documents
(pilot near1 chip\$) same (data near1 chip\$) same L2	7

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	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<u>L49</u>	(pilot near1 chip\$) same (data near1 chip\$) same L2	7	<u>L49</u>
<u>L48</u>	L35 and L46	3	<u>L48</u>
<u>L47</u>	(data same pilot\$) same L46	3	<u>L47</u>
<u>L46</u>	L1 same L12	22	<u>L46</u>
<u>L45</u>	L44 same L12	1	<u>L45</u>
<u>L44</u>	L2 same L1	282	<u>L44</u>
<u>L43</u>	L42 same L1	7	<u>L43</u>
<u>L42</u>	L2 near1 pilot	96	<u>L42</u>
<u>L41</u>	L40 same L33	13	<u>L41</u>
<u>L40</u>	(subband\$ or sub-band\$ or (sub near1 band\$)) same L35	71	<u>L40</u>
<u>L39</u>	L38 same L35	11	<u>L39</u>
<u>L38</u>	((frequency or frequencies) near1 (hopping or hop\$8)) or FH) near1 sequence\$	1311	<u>L38</u>

<u>L37</u>	L1 and L36	18	<u>L37</u>
<u>L36</u>	L35 same L33	43	<u>L36</u>
<u>L35</u>	((data near1 symbol\$) or (data near1 chip\$)) same (period\$ or interval\$)	3552	<u>L35</u>
<u>L34</u>	L33 same (data near1 symbol\$)	130	<u>L34</u>
<u>L33</u>	((frequency or frequencies) near1 (hopping or hop\$8)) or FH	16082	<u>L33</u>
<u>L32</u>	L12 same L31	1	<u>L32</u>
<u>L31</u>	(channel\$ near1 gain near1 estimat\$6) same (channel\$ near1 respons\$6 near1 estimat\$6)	6	<u>L31</u>
<u>L30</u>	L29 same L2	7	<u>L30</u>
<u>L29</u>	(pilot near1 chip\$) same (data near1 chip\$)	40	<u>L29</u>
<u>L28</u>	L1 same (L18 or L19)	1	<u>L28</u>
<u>L27</u>	pilot\$ same L18	12	<u>L27</u>
<u>L26</u>	L18 same L19	2	<u>L26</u>
<u>L25</u>	L24 and L1	12	<u>L25</u>
<u>L24</u>	L2 same L12	120	<u>L24</u>
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<u>L22</u>	L19 same L12	3	<u>L22</u>
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<u>L20</u>	L18 and L19	4	<u>L20</u>
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<u>L18</u>	((data near1 symbol\$) same (data near1 chip\$))	124	<u>L18</u>
<u>L17</u>	(data near1 (symbol\$ or chip\$)) same (pilot near1 (chip\$ or symbol\$))	905	<u>L17</u>
<u>L16</u>	L15 same L2	16	<u>L16</u>
<u>L15</u>	L9 same L12	507	<u>L15</u>
<u>L14</u>	L11 and L12	4	<u>L14</u>
<u>L13</u>	L11 same L12	1	<u>L13</u>
<u>L12</u>	((pseudo-random or (pseudo near1 random)) near1 number) or PN) near1 code\$	5164	<u>L12</u>
<u>L11</u>	L10 same L1	76	<u>L11</u>
<u>L10</u>	L9 same (L5 or period\$ or interval\$)	3329	<u>L10</u>
<u>L9</u>	((wideband or wide-band or (wide near1 band)) near1 pilot\$) or pilot\$ or (pilot near1 chip\$) same (data or (data near1 chip\$))	18794	<u>L9</u>
<u>L8</u>	L7 same (L5 or period\$ or interval\$)	1	<u>L8</u>
<u>L7</u>	((wideband or wide-band or (wide near1 band)) near1 pilot\$) or pilot\$ or (pilot near1 chip\$) (p) (data or (data near1 chip\$))	2	<u>L7</u>
<u>L6</u>	(wideband or wide-band or (wide near1 band)) near1 pilot\$	23	<u>L6</u>
<u>L5</u>	(hop near1 period\$)	140	<u>L5</u>
<u>L4</u>	L3 same (period\$ or interval\$)	7	<u>L4</u>
<u>L3</u>	(data near1 chip\$) same (pilot near1 chip\$)	40	<u>L3</u>
<u>L2</u>	(time near1 division near1 (multiplex\$6 or mux)) or TDM or (code near1 division near1 (multiplex\$6 or mux)) or CDM	33270	<u>L2</u>
<u>L1</u>	(orthogonal near1 frequency near1 division near1 (multiplex\$6 or mux)) or	5965	<u>L1</u>

OFDMA

END OF SEARCH HISTORY